# **Appendix M**

# Hazardous, Toxic, and Radioactive Waste

# Shorty's Island / Meander Reach Ecosystem Restoration

Kootenai River, Idaho

Section 1135 Detailed Project Report and Environmental Assessment

June 2012

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### **Cultural Resources Coordination Letters**

- Preliminary NEPA Existing Conditions HTRW Assessment for Shorty's Island/Meander Reach Section 1135 Ecosystem Restoration Project
- 2. Comment Response Record

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Date: December 9, 2011

Recipient: Alan Coburn

US Army Corps of Engineers, Seattle District

Address: 4735 East Marginal Way S.

PO Box 3755 Seattle, WA 98124

Subject: Preliminary NEPA Existing Conditions HTRW Assessment for Shorty's Island/Meander Reach Section 1135 Ecosystem Restoration Project for W912DW-09-D-1017 Task Order 0017.

Mr. Alan Coburn:

In accordance with the scope of work, Tetra Tech has completed base items under the subject task order. This included conducting a preliminary HTRW assessment and preparing the Affected Environment Section Affected Environment section of the Shorty's Island/Meander Reach Detailed Project Report and Integrated Environmental Assessment (DPR/EA). The DPR/EA text, which was included in the November 13, 2011 submittal, is provided below.

### EXISTING ENVIRONMENT: SECTION 3.16 HAZARDOUS, TOXIC & RADIOACTIVE WASTES

A preliminary HTRW investigation was conducted to document any current and/or historical contamination from activities in the project area. The preliminary investigation was primarily based on: (a) review of previous documents relevant to the proposed project; (b) review of relevant environmental databases maintained by federal and state regulatory agencies; (c) examination of historical aerial photos and topographic maps of the project area; (c) preliminary site reconnaissance; and (d) in-person discussion with a current/historical landowner.

Review of documents and databases indicated that there is no record of any current or historical HTRW contamination in the proposed project site and surrounding area. Historical maps and photos indicated that the study area has been developed only for use as non-irrigated farm land, with associated drainage and access roads. Site reconnaissance and interviews indicated similarly minor HTRW contamination potential, such as isolated incidents of junk vehicles used as riprap, minimal reported use of fungicide-pesticides, isolated oils and grease contamination from agricultural equipment, and minimal abandoned farm infrastructure/equipment.

If the proposed restoration project is not implemented, the baseline conditions regarding HTRW would likely continue as at present into the foreseeable future.



### RECOMMENDED RESTORATION PLAN: SECTION 5.8.2 FINAL DESIGN CONSIDERATIONS, HTRW

The Phase I preliminary HTRW assessment found minimal evidence of contamination in the project area and it is not expected that the project will have an adverse HTRW impact. Further analysis if warranted (based on Seattle District review of the assessment report), will be completed during final design.

Attached is the Preliminary HTRW Phase 1 Assessment report and supporting documentation for the existing condition assessment. Following your review of the report, we are available to meet to see if conducting the option items under the scope of work are warranted.

If you need additional information or would like to discuss further, please feel free to contact me at any time. My direct phone number is 838-6257.

Sincerely,

Patricia Robinson

Project Manager, Tetra Tech Inc.



U.S. Army Corps of Engineers
Seattle District

# Shorty's Island / Meander Reach Ecosystem Restoration Kootenai River, Idaho

Preliminary HTRW Assessment

Draft - November 2011





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### 1.0 Introduction

Tetra Tech conducted a preliminary Hazardous, Toxic, and Radiological Wastes (HTRW) assessment of the proposed Shorty's Island Meander Restoration Project site and surrounding area to determine if there is any current and/or historical contamination from activities in the project area that might adversely influence the implementation of the proposed restoration project. The preliminary investigation was primarily based on: (a) review of available previous documents relevant to the proposed project; (b) review of relevant environmental databases maintained by federal and state regulatory agencies; (c) examination of historical aerial photos and topographic maps of the project area; (c) preliminary site reconnaissance; and (d) in-person discussion with the current/historical landowner of the proposed project staging area site and access roads (Mr. Craig Hubbard). Appendix B provides a map which shows the extent of the project site including staging and access areas.

### 2.0 Previous Reports Review

Previous reports relevant to the proposed project reviewed for this preliminary HTRW assessment included Kootenai River Habitat Restoration Project Master Plan (KTOI 2009x); Kootenai River Ecosystem Restoration Project Management Plan (USACE 2010x); and Shorty's Island / Meander Reach Ecosystem Restoration Kootenai River, Idaho – Interim Draft Section 1135 Detailed Project Report and Integrated Environmental Assessment (USACE 2011x). The review of these reports did not indicate that there was any existing or past contamination associated with the proposed project site or surrounding area.

### 3.0 Environmental Database Search Review

A database search report of available environmental HTRW records for the proposed project site and surrounding area provided by Environmental Data Resources, Inc. (EDR 2011) was reviewed by Tetra Tech. The EDR database search included the following government databases, in accordance with ASTM E.50.02:

- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS).
- National Priorities List (NPL).
- Resource Conservation and Recovery Information System (RCRIS).
- Leaking Underground Storage Tanks (LUST).
- Idaho Historical Landfills (Hist LF).

- National Pollutant Discharge Elimination System (NPDES).
- Hazardous Materials Spills Data (SPILLS).

The review of the EDR database search report indicated that there is no record of any current or historical HTRW contamination in the proposed project site and surrounding area. *Preparer's Note: The complete report of the EDR database search for the project area (EDR 2011) is on file at the Corps and available upon request.* 

## 4.0 Historical Maps and Aerial Photos Review

Historical topographic maps of the project area were reviewed for the years 1913, 1965, 1992, and 1996. Historical aerial photos of project area were reviewed for the years 1958, 1975, 1981, 1992, 1998, and 2006. The review of these maps and photos indicated that the proposed project staging area has been developed only to the extent of use as non-irrigated farm land, with associated drainage and access roads.

# 5.0 In-person Interview with Landowner

On October 6, 2011, an in-person interview was conducted with the current/historical landowner of the proposed project staging area site and access roads, Mr. Craig Hubbard, who lives along the Kootenai River a few miles south of the project site. The interview was conducted at Mr. Hubbard's place of residence. Mr. Hubbard indicated that he and his family have owned and farmed the proposed project site and most of the land to the east and south of the project site since 1965, and that he had modified some of the natural drainage on the southern portion of the project site during the 1990s to allow for more efficient cultivation and to develop an access road along the south boundary of the project site. Mr. Hubbard also stated that to his knowledge the only use of hazardous chemicals in the project vicinity was the occasional controlled application of fungicide-pesticide to potatoes grown on a small experimental plot owned and operated by Mr. Hubbard's nephew (Michael Hubbard) located on the property just south (and up-gradient) of the south access road into the project site. Mr. Hubbard indicated that these substances had been applied in the past in limited quantities to potatoes while being stored in one-story metal storage silos to test their effectiveness in controlling pests over various storage periods. Mr. Hubbard stated that to his knowledge, such testing was not currently taking place on the research plots. Mr. Hubbard further stated that sometime during the 1950s (prior to his purchase of the property) at least two-dozen junk automobiles had been placed along an eroding section of the river bank as a form of rip-rap. Mr. Hubbard also stated that an abandoned diesel-powered pump located in the southwestern corner of the proposed project site had been set up and used to support water

outflow to the river from the drainage ditches prior to the development of the dikes along the river. The diesel fuel for the pump had been stored in an above-ground tank (he believed likely to have a 500-gallon capacity) that had been removed prior to Mr. Hubbard's acquisition of the property.

### 6.0 Preliminary Site Reconnaissance

A preliminary site reconnaissance of the project site and surrounding area was conducted on October 6, 2011. The presence of the junk automobiles, the abandoned diesel pump, the drainage modifications, and the research plot area and storage silos described by Mr. Hubbard in the interview were confirmed during the site reconnaissance. With regard to the assemblage of junk cars placed during the 1950's along a portion of the river bank, there was no visible evidence of contamination noted during the site reconnaissance. With regard to the above-ground diesel fuel storage tank that had been present to support the operation of the long-abandoned dewatering pump in the southwestern corner of the proposed staging area site, although the exact location of the removed tank could not be determined due to vegetation growth, there was no evidence of contamination in the area adjacent to and surrounding the abandoned pump. With regard to the reported historical use of limited quantities of fungicide-pesticide on the research plot area south of the south access road into the proposed restoration staging area, although a few storage sheds were noted in the area there was no visible evidence that such chemical application was currently taking place in the research plot area.

# 7.0 Findings / Conclusions / Recommendations

The findings of this preliminary HTRW assessment include (a) the presence of numerous junk automobiles that had been placed as rip-rap along a portion of the bank of the Kootenai River; (b) the removed above-ground diesel storage tank that had been associated with the long-abandoned de-watering pump; and (c) the occasional controlled use of pesticide-fungicide on adjacent property. Based on the lack of visible evidence of existing contamination noted during the site reconnaissance, the period of time that has elapsed since the junk cars were placed and the diesel tank was removed, and the reported cessation of pesticide-fungicide application, it can be concluded that there is minimal contamination risk associated with these findings.

With regard to the assemblage of junk cars placed along a portion of the river bank, if it is deemed necessary to remove some or all of the cars in order to construct a safe and efficient staging and dock area as part of the proposed restoration project, the handling and monitoring of the car removal should be included in the Project Pollution Control Plan.

# 8.0 References

EDR 2011. The EDR Radius Map Report with GeoCheck, Shorty's Island Meander Restoration Site. September 16, 2011. Environmental Data Resources, Inc, Milford, CT.

Hubbard 2011. In-Person Interview with Mr. Craig Hubbard conducted by David Broadfoot. October 6, 2011. Bonners Ferry, Idaho

KTOI 2010. Kootenai River Habitat Restoration Project Master Plan. July 2009. The Kootenai Tribe of Idaho.

USACE 2010x. Kootenai River Ecosystem Restoration Project Management Plan. February 26, 2010. U.S. Army Corps of Engineers and The Kootenai Tribe of Idaho.

USACE 2011x. Shorty's Island / Meander ReachEcosystem Restoration Kootenai River, Idaho – Interim Draft Section 1135 Detailed Project Report and Integrated Environmental Assessment. February 2011. U.S. Army Corps of Engineers, Seattle District





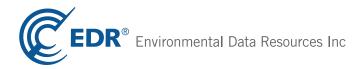
# **Shortys Island Meander Restoration Site**

Boundary County Bonners Ferry, ID 83805

Inquiry Number: 3167726.2s

September 16, 2011

# The EDR Radius Map™ Report with GeoCheck®



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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### **ADDRESS**

BOUNDARY COUNTY BONNERS FERRY, ID 83805

### **COORDINATES**

Latitude (North): 48.764000 - 48° 45' 50.4" Longitude (West): 116.383000 - 116° 22' 58.8"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 545343.1 UTM Y (Meters): 5401186.0

Elevation: 1764 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 48116-G4 FARNHAM PEAK, ID

Most Recent Revision: 1965

East Map: 48116-G3 RITZ, ID

Most Recent Revision: 1992

South Map: 48116-F4 MORAVIA, ID

Most Recent Revision: 1965

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2006 Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list ............ Comprehensive Environmental Response, Compensation, and Liability Information System CERCLIS.... FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG\_\_\_\_\_\_RCRA - Large Quantity Generators RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent CERCLIS NPL list. State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Landfills

# State and tribal leaking storage tank lists

LUST	Leaking Underground Storage Tank Sites
	Leaking Aboveground Storage Tanks
TPLLIANTING	Leaking Underground Storage Tanks on India

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### State and tribal registered storage tank lists

UST...... Registered Underground Storage Tanks in Idaho

FEMA UST...... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites with Institutional Controls Restricting Use

State and tribal voluntary cleanup sites

VCP...... Voluntary Cleanup Program Sites INDIAN VCP...... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

SWTIRE...... Waste Tire Collection Sites HIST LF...... Idaho Historical Landfills

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spills Data

Other Ascertainable Records

RCRA-NonGen\_\_\_\_\_\_RCRA - Non Generators
DOT OPS\_\_\_\_\_\_Incident and Accident Data
DOD\_\_\_\_\_\_\_Department of Defense Sites
FUDS\_\_\_\_\_\_Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS\_\_\_\_\_FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS...... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS..... Facility Index System/Facility Registry System RAATS...... RCRA Administrative Action Tracking System 

AIRS...... Permitted Sources & Emissions Listing

TIER 2..... Tier 2 Data Listing INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE\_\_\_\_\_\_Sleam-Electric Plan Operation Data FINANCIAL ASSURANCE\_\_\_ Financial Assurance Information Listing

### **EDR PROPRIETARY RECORDS**

### **EDR Proprietary Records**

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

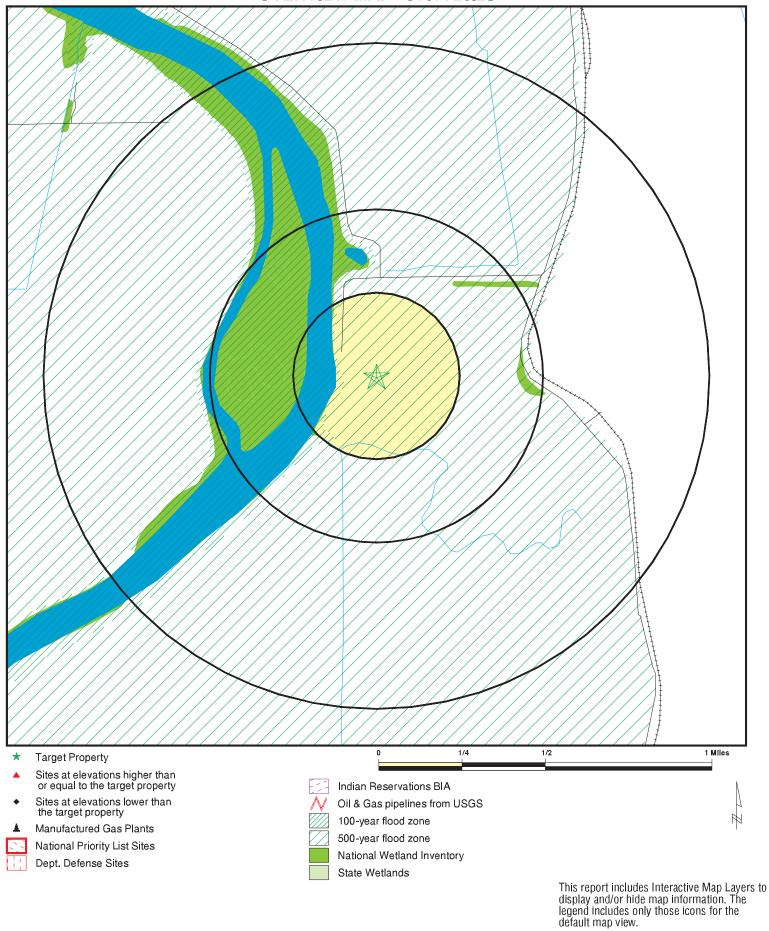
Due to poor or inadequate address information, the following sites were not mapped. Count: 28 records.

Site Name	Database(s)
BONNERS FERRY POST CO INC	ALLSITES
BOUNDARY COUNTY AIRPORT	ALLSITES
BONNERS FERRY RANGER STATION	ALLSITES
DYCK'S OIL & AUTO (EXXON)	ALLSITES, LUST, UST
SCHNUERLE DRUM SITE	ALLSITES
IDAHO DEPARTMENT OF LANDS (2)	ALLSITES
ITD - BONNERS FERRY SHOP	ALLSITES
WILD HORSE MERCHANTILE	ALLSITES
S&L UNDERGROUND	ALLSITES, SPILLS
BOUNDARY COUNTY SLF	ALLSITES
BONNERS FERRY POST	ALLSITES, SPILLS
THREE MILE CORNER EXXON	ALLSITES
MISSION CREEK STORE	ALLSITES, LUST, UST, SPILLS
BOUNDARY COUNTY LANDFILL	SWF/LF
BOUNDARY COUNTY AIRPORT	LUST, UST
FOUST INC	LUST, UST
BONNERS FERRY RANGER STATION	UST
WILD HORSE MERCHANTILE	UST, FINANCIAL ASSURANCE
ITD - BONNERS FERRY SHOP	UST
IDAHO DEPARTMENT OF LANDS (2)	UST
BONNERS FERRY POST CO INC	UST
ID TRANS DEPT DCB	RCRA-NonGen, FINDS
WI FOREST PROD	RCRA-NonGen, FINDS
ID DEQ SCHNUERLE DRUM SITE	RCRA-NonGen, FINDS
ELK MOUNTAIN FARMS BOUNDARY	RCRA-CESQG, FINDS
BOUNDARY CNTY ROAD & BRIDGE SHOP	RCRA-CESQG, FINDS
SIMS IMPLEMENT CO INC	RCRA-CESQG, FINDS

SPILLS

SCHNUERLE DRUM SITE

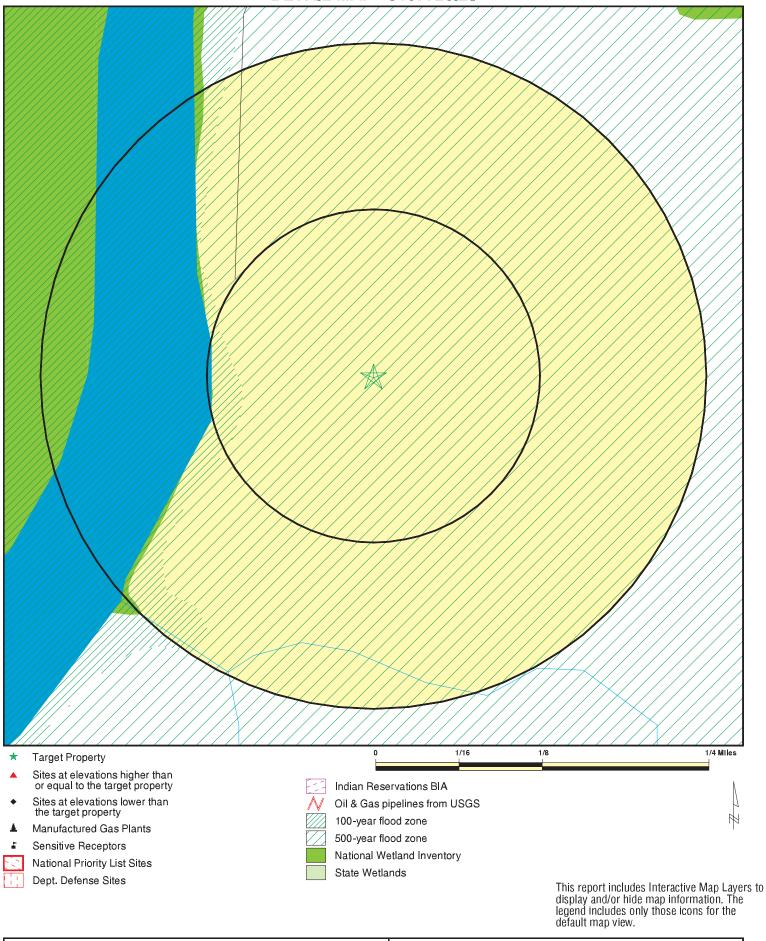
### **OVERVIEW MAP - 3167726.2s**



CLIENT: Tetra Tech Surfa CONTACT: David Broadfoot SITE NAME: Shortys Island Meander Restoration Site Tetra Tech Surface Water Group, Tucson ADDRESS:

Boundary County Bonners Ferry ID 83805 48.7640 / 116.3830 INQUIRY#: 3167726.2s LAT/LONG: DATE: September 16, 2011 1:31 pm

### **DETAIL MAP - 3167726.2s**



CLIENT: Tetra Tech Surfa CONTACT: David Broadfoot SITE NAME: Shortys Island Meander Restoration Site Tetra Tech Surface Water Group, Tucson ADDRESS:

Boundary County Bonners Ferry ID 83805 48.7640 / 116.3830 INQUIRY#: 3167726.2s LAT/LONG: DATE: September 16, 2011 1:33 pm

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities lis	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	3						
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	storage tank li	ists						
LUST LAST INDIAN LUST		0.500 0.500 0.500	0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
State and tribal registere	ed storage tan	k lists						
UST		0.250	0	0	NR	NR	NR	0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST FEMA UST		0.250 0.250	0	0 0	NR NR	NR NR	NR NR	0 0
State and tribal institutio control / engineering cor		es						
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary	/ cleanup site	es						
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>s</u>						
l a a al Duanomia la lia (a								
Local Brownfield lists US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / S	Colid	0.500	U	U	U	INIX	INIX	U
Waste Disposal Sites	ona							
ODI DEBRIS REGION 9 SWTIRE HIST LF INDIAN ODI		0.500 0.500 0.500 0.500 0.500	0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US CDL ALLSITES CDL US HIST CDL		TP 0.500 TP TP	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2 LUCIS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency Release Reports								
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA		0.250 TP 1.000 1.000 1.000 1.000 0.500	0 NR 0 0 0 0	0 NR 0 0 0 0	NR NR 0 0 0 0	NR NR 0 0 0 NR	NR NR NR NR NR NR	0 0 0 0 0

# **MAP FINDINGS SUMMARY**

	Target	Search Distance						Total
Database	Property	(Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Plotted
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	Ö
TSCA		TP	NR	NR	NR	NR	NR	Ö
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECOR	DS							
EDR Proprietary Records	;							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID		MAP FINDINGS		
Direction			ı	EDD 10 11 1
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

NO SITES FOUND

Count: 28 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BONNERS FERRY	S108273747	BONNERS FERRY POST CO INC	HWY 2 N	83805	ALLSITES
BONNERS FERRY	U003723832	BOUNDARY COUNTY AIRPORT	HWY 2	83805	LUST, UST
BONNERS FERRY	S107980771	BOUNDARY COUNTY AIRPORT	HWY 2	83805	ALLSITES
BONNERS FERRY	S108273749	BONNERS FERRY RANGER STATION	RT 4	83805	ALLSITES
BONNERS FERRY	U003723841	BONNERS FERRY RANGER STATION	RT 4	83805	UST
BONNERS FERRY	U003723867	DYCK'S OIL & AUTO (EXXON)	RT 4	83805	ALLSITES, LUST, UST
BONNERS FERRY	S108275854	SCHNUERLE DRUM SITE	HWY 95	83805	ALLSITES
BONNERS FERRY	S108274721	IDAHO DEPARTMENT OF LANDS (2)	HWY 95 S	83805	ALLSITES
BONNERS FERRY	S108274824	ITD - BONNERS FERRY SHOP	HWY 95 MP 505	83805	ALLSITES
BONNERS FERRY	1001227845	ID TRANS DEPT DCB	HWY 95 MP 497	83805	RCRA-NonGen, FINDS
BONNERS FERRY	1004691867	ELK MOUNTAIN FARMS BOUNDARY	HWY 95 5 MI N OF BONNERS FERRY	83805	RCRA-CESQG, FINDS
BONNERS FERRY	1004691875	BOUNDARY CNTY ROAD & BRIDGE SHOP	HWY 95 2 MI N OF BONNERS FERRY	83805	RCRA-CESQG, FINDS
BONNERS FERRY	S111009359	WILD HORSE MERCHANTILE	HWY 95 MILEPOST 530 N	83805	ALLSITES
BONNERS FERRY	U003723879	WILD HORSE MERCHANTILE	HWY 95 MILEPOST 530 N	83805	UST, FINANCIAL ASSURANCE
BONNERS FERRY	S106953272	S&L UNDERGROUND	HWY 95 MP 516	83805	ALLSITES, SPILLS
BONNERS FERRY	S109262288	BOUNDARY COUNTY SLF	HWY 95 OFBONNERS FERRY N	83805	ALLSITES
BONNERS FERRY	U004159193	FOUST INC	HWY 95 & WENDELL ST OF TOWN S	83805	LUST, UST
BONNERS FERRY	U003723835	ITD - BONNERS FERRY SHOP	HWY 95 MP 505	83805	UST
BONNERS FERRY	U003723855	IDAHO DEPARTMENT OF LANDS (2)	HWY 95 S	83805	UST
BONNERS FERRY	1004691650	SIMS IMPLEMENT CO INC	HWY 95S	83805	RCRA-CESQG, FINDS
BONNERS FERRY	S106528246	SCHNUERLE DRUM SITE	BONNERS FRY	83805	SPILLS
BONNERS FERRY	S106528224	BONNERS FERRY POST	5 OF BONNERS FRY	83805	ALLSITES, SPILLS
BONNERS FERRY	S107981734	THREE MILE CORNER EXXON	JUNCTION HWY 2ND &	83805	ALLSITES
BONNERS FERRY	1004691827	WI FOREST PROD	.25 MI S OF HWY 295 ALT	83805	RCRA-NonGen, FINDS
BONNERS FERRY	U003723844	BONNERS FERRY POST CO INC	2 MILES EAST OF JUNCTION OF HW	83805	UST
BONNERS FERRY	S109329804	BOUNDARY COUNTY LANDFILL	2 MILES N OF BONNERS FRY	83805	SWF/LF
BONNERS FERRY	U003723864	MISSION CREEK STORE	MOUNT HALL COPELAND AREA	83805	ALLSITES, LUST, UST, SPILLS
BONNERS FERRY	1000860730	ID DEQ SCHNUERLE DRUM SITE	T61N R1E S9	83805	RCRA-NonGen, FINDS

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2011 Source: EPA
Date Data Arrived at EDR: 04/13/2011 Telephone: N/A

Number of Days to Update: 62 Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2011 Source: EPA
Date Data Arrived at EDR: 04/13/2011 Telephone: N/A

Number of Days to Update: 62 Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 62

Source: EPA Telephone: N/A

Last EDR Contact: 07/12/2011

Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Quarterly

### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 09/01/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 07/15/2011

Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Varies

### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 09/01/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011 Date Data Arrived at EDR: 03/15/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 91

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Quarterly

### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 07/07/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Quarterly

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 07/07/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 07/07/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 07/07/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/05/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 70

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 07/05/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Annually

### State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Department of Environmental Quality

Telephone: 208-373-0502 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: N/A

### State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/01/2011 Date Data Arrived at EDR: 08/01/2011 Date Made Active in Reports: 08/15/2011

Number of Days to Update: 14

Source: Department of Environmental Quality

Telephone: 208-334-5860 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Annually

### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/12/2011 Date Data Arrived at EDR: 07/12/2011 Date Made Active in Reports: 08/09/2011

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 208-373-0130 Last EDR Contact: 07/12/2011

Next Scheduled EDR Contact: 10/24/2011

Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank locations.

Date of Government Version: 06/20/2011 Date Data Arrived at EDR: 06/22/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 8

Source: Department of Environmental Quality

Telephone: 208-373-0347 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 32

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 48

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 39

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/05/2011 Date Data Arrived at EDR: 08/02/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 42

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011 Date Data Arrived at EDR: 06/02/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 103 Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

### State and tribal registered storage tank lists

UST: Registered Underground Storage Tanks in Idaho

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/12/2011 Date Data Arrived at EDR: 07/12/2011 Date Made Active in Reports: 08/09/2011

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 208-373-0130 Last EDR Contact: 07/12/2011

Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 05/05/2011 Date Data Arrived at EDR: 08/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 36

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 39

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/01/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 13

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 32

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011 Date Data Arrived at EDR: 08/26/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 18

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Varies

#### State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls Restricting Use

Sites included in the Remediation Sites database that have institutional controls stricting use.

Date of Government Version: 06/14/2011 Date Data Arrived at EDR: 06/14/2011 Date Made Active in Reports: 07/11/2011

Number of Days to Update: 27

Source: Department of Environmental Quality

Telephone: 208-373-0347 Last EDR Contact: 09/13/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

The Idaho Legislature created the Idaho land Remediation Act, DEQ's Voluntary Cleanup Program, to encourage innovation and cooperation between the state, local communities and private parties working to revitalize properties with hazardous substance or petroleum contamination.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 07/22/2011 Date Made Active in Reports: 08/10/2011

Number of Days to Update: 19

Source: Department of Environmental Quality

Telephone: 208-373-0495 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/05/2011 Date Data Arrived at EDR: 07/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 70

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/05/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

#### State and tribal Brownfields sites

BROWNFIELDS: Brownfields Inventory

Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or perceived environmental contamination. With the help of Idaho Counties, Cities, Economic Development Districts, Urban Renewal Entities, developers and brokers, DEQ is developing a comprehensive, statewide inventory of Brownfields.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 07/22/2011 Date Made Active in Reports: 08/12/2011

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 208-373-0495 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/27/2011

Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 800-424-9346

Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 06/27/2011

Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: No Update Planned

SWTIRE: Waste Tire Collection Sites

A listing of registered waste tire collection sites.

Date of Government Version: 03/15/2002 Date Data Arrived at EDR: 09/16/2004 Date Made Active in Reports: 11/02/2004

Number of Days to Update: 47

Source: Department of Environmental Quality

Telephone: 208-373-0416 Last EDR Contact: 08/22/2011

Next Scheduled EDR Contact: 12/05/2011 Data Release Frequency: No Update Planned

HISTORICAL LANDFILL: Idaho Historical Landfills

A listing of older landfills. The listing has not been updated since July 1997.

Date of Government Version: 07/10/1997 Date Data Arrived at EDR: 02/21/2002 Date Made Active in Reports: 03/27/2002

Number of Days to Update: 34

Source: Department of Environmental Quality

Telephone: 208-373-0502 Last EDR Contact: 02/02/2009

Next Scheduled EDR Contact: 05/04/2009 Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/08/2011 Date Data Arrived at EDR: 06/16/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 89

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 09/07/2011

Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

#### **ALLSITES: Remediation Database**

Idaho's remediation database is a compilation of data on all the state and delegated federal remediation programs operated by the DEQ. Programs included are AST, Brownfield, ER, General Remediation, LUST, Mining, Miscellaneous, RCRA. Solid Waste, UST and VCP.

Date of Government Version: 06/20/2011 Date Data Arrived at EDR: 06/22/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 8

Source: Department of Environmental Quality

Telephone: 208-373-0309 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

#### CDL: Clandestine Drug Labs

These are labs in which the Idaho State Police have investigated.

Date of Government Version: 07/22/2010 Date Data Arrived at EDR: 10/01/2010 Date Made Active in Reports: 10/29/2010

Number of Days to Update: 28

Source: Idaho State Police Telephone: 208-884-7000 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

#### CDL 2: Clandestine Drug (Meth) Laboratory Site Property List

A listing of clandestine drug lab site locations.

Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/14/2011 Date Made Active in Reports: 07/11/2011

Number of Days to Update: 27

Source: Dept of Health & Welfare Telephone: 208-334-5500 Last EDR Contact: 09/13/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

#### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/05/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 09/13/2011

Number of Days to Update: 125

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 08/12/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 07/11/2011

Next Scheduled EDR Contact: 09/05/2011 Data Release Frequency: Varies

#### Records of Emergency Release Reports

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/05/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 161

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 07/05/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Annually

#### SPILLS: Spills Data

A listing of hazardous materials spills, releases or accidents as reported to the State of Idaho's central Communications Center.

Date of Government Version: 06/20/2011 Date Data Arrived at EDR: 06/22/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 8

Source: Department of Environmental Quality

Telephone: 208-373-0502 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

#### Other Ascertainable Records

#### RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 07/07/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011 Date Data Arrived at EDR: 02/11/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/09/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 07/22/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/31/2011 Date Data Arrived at EDR: 06/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 90

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 09/14/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/31/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/06/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 09/08/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 94

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 09/01/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/30/2011

Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/31/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/31/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

#### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 08/18/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Annually

#### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 06/27/2011

Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/22/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Annually

#### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/12/2011

Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (206) 553-1200 Last EDR Contact: 09/13/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Quarterly

#### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

#### **BRS: Biennial Reporting System**

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 09/01/2011

Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Biennially

#### UIC: Underground Injection Wells Database Listing

Deep and shallow underground injection wells locations.

Date of Government Version: 08/02/2011 Date Data Arrived at EDR: 08/03/2011 Date Made Active in Reports: 08/29/2011

Number of Days to Update: 26

Source: Department of Water Resources

Telephone: 208-287-4932 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Listing A listing of drycleaner locations.

Date of Government Version: 07/06/2009 Date Data Arrived at EDR: 07/13/2009 Date Made Active in Reports: 07/28/2009

Number of Days to Update: 15

AIRS: Permitted Sources & Emissions Listing Permit and emissions inventory data.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 04/14/2011 Date Made Active in Reports: 04/29/2011

Number of Days to Update: 15

Source: Department of Environmental Quality

Telephone: 208-373-0211 Last EDR Contact: 06/20/2011

Next Scheduled EDR Contact: 09/05/2011 Data Release Frequency: Varies

Source: Department of Environmental Quality

Telephone: 208-373-0253 Last EDR Contact: 07/05/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 05/19/2011 Date Made Active in Reports: 06/22/2011

Number of Days to Update: 34

Source: Bureau of Homeland Security

Telephone: 208-422-3040 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/22/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 07/15/2011

Next Scheduled EDR Contact: 11/07/2011 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/22/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 08/05/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

#### FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/12/2011 Date Data Arrived at EDR: 07/12/2011 Date Made Active in Reports: 08/09/2011

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 208-373-0502 Last EDR Contact: 07/12/2011

Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Varies

#### FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 08/31/2009 Date Data Arrived at EDR: 09/11/2009 Date Made Active in Reports: 09/25/2009

Number of Days to Update: 14

Source: Department of Environmental Quality

Telephone: 208-373-0502 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Varies

#### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Varies

Source: Environmental Protection Agency

#### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Telephone: N/A Last EDR Contact: 09/16/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Varies

#### **EDR PROPRIETARY RECORDS**

#### **EDR Proprietary Records**

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 09/16/2011

Number of Days to Update: 38

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/09/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care List

Source: Department of Health and Welfare

Telephone: 208-332-7205

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Water Resources

Telephone: 208-287-4800

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

SHORTYS ISLAND MEANDER RESTORATION SITE BOUNDARY COUNTY BONNERS FERRY, ID 83805

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 48.76400 - 48° 45' 50.4" Longitude (West): 116.383 - 116° 22' 58.8"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 545343.1 UTM Y (Meters): 5401186.0

Elevation: 1764 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 48116-G4 FARNHAM PEAK, ID

Most Recent Revision: 1965

East Map: 48116-G3 RITZ, ID

Most Recent Revision: 1992

South Map: 48116-F4 MORAVIA, ID

Most Recent Revision: 1965

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

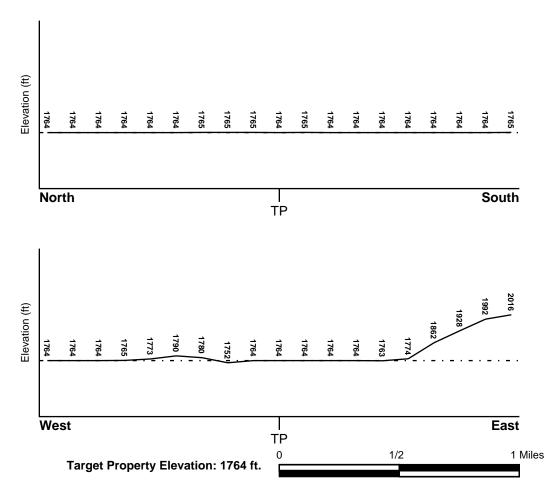
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County BOUNDARY, ID

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1602070375B - FEMA Q3 Flood data

Additional Panels in search area: 1602070400B - FEMA Q3 Flood data

1602070550B - FEMA Q3 Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

FARNHAM PEAK YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION GENERAL DIRECTION
MAP ID FROM TP GROUNDWATER FLOW

Not Reported

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

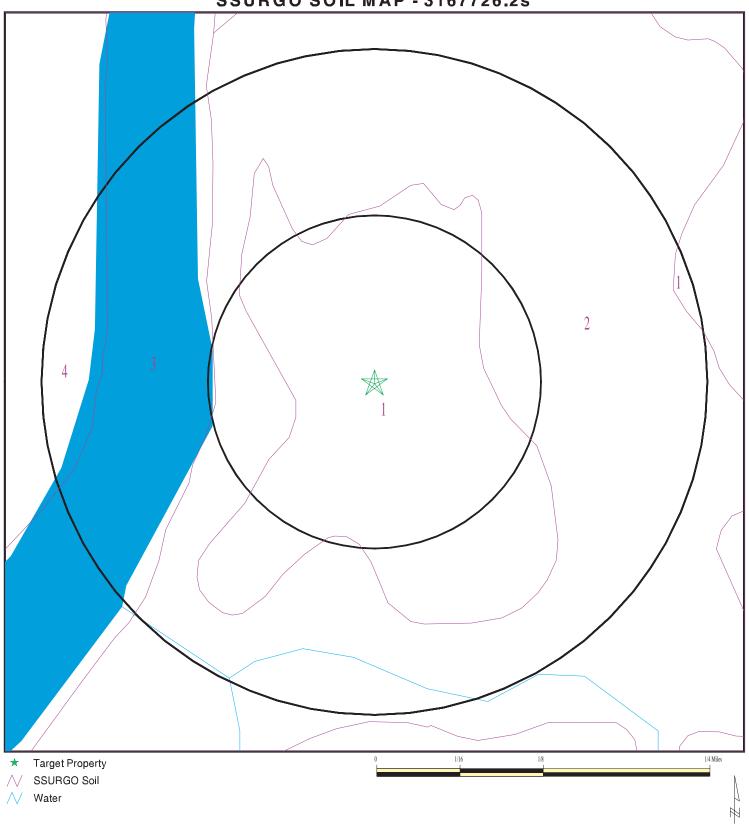
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

Code: Q (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 3167726.2s



SITE NAME: Shortys Island Meander Restoration Site ADDRESS: Boundary County Bonners Ferry ID 83805
LAT/LONG: 48.7640 / 116.3830

CLIENT: Tetra Tech Surface Water Group, Tucson CONTACT: David Broadfoot

INQUIRY#: 3167726.2s

DATE: September 16, 2011 1:33 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Schnoorson

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 68 inches

	Soil Layer Information										
	Bou	ındary		Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roadion				
1	40 inches	64 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4				
2	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4				
3	5 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4				
4	20 inches	31 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4				

	Soil Layer Information									
	Boundary		Boundary		Classi	Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)			
5	31 inches	40 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4			

Soil Map ID: 2

Soil Component Name: Farnhamton

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

	Soil Layer Information											
	Вои	Boundary		Classification		Saturated hydraulic						
Layer	Upper Lower Soil	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roadion						
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6					
2	7 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6					

	Soil Layer Information										
	Bou	ındary		Classification		Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
3	11 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6				
4	22 inches	40 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6				
5	40 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6				

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Farnhamton

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

	Bou	ındary		Classification		Saturated	
Layer	Upper Lower		Soil Texture Class	AASHTO Group Unified Soil		hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	7 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	11 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	22 inches	40 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	40 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	FROM TP
2	USGS3123864	1/8 - 1/4 Mile SW
4	USGS3123867	1/4 - 1/2 Mile East
5	USGS3123865	1/2 - 1 Mile ESE
B10	USGS3123868	1/2 - 1 Mile WNW
B11	USGS3123869	1/2 - 1 Mile WNW

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

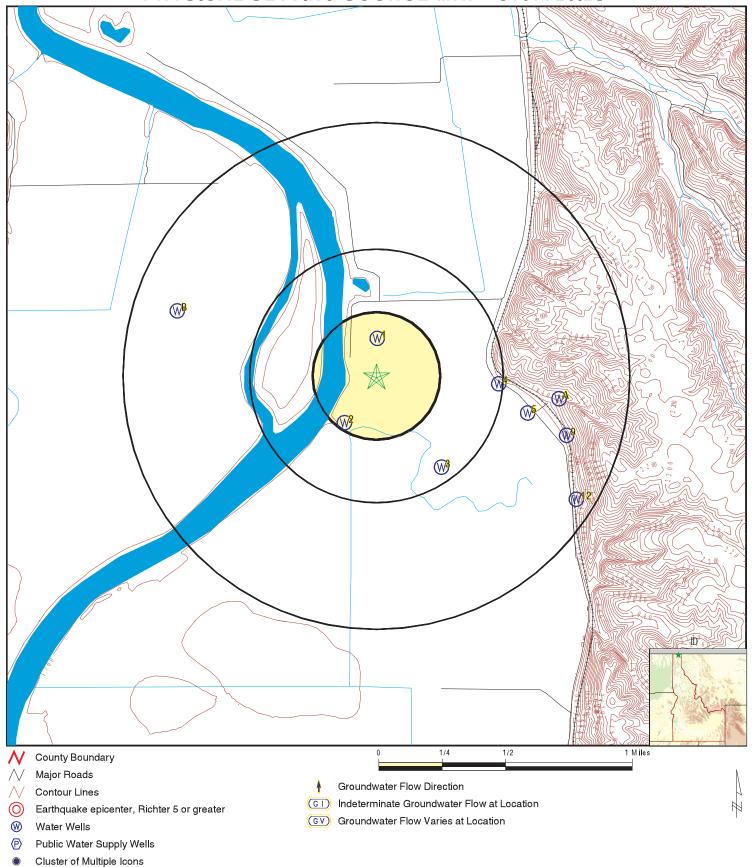
No PWS System Found

Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ĪD6000000170231	1/8 - 1/4 Mile North
3	ID600000170215	1/4 - 1/2 Mile SE
A6	ID600000170225	1/2 - 1 Mile East
A7	ID600000170226	1/2 - 1 Mile East
A8	ID600000170227	1/2 - 1 Mile East
9	ID600000170222	1/2 - 1 Mile ESE
12	ID600000170212	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 3167726.2s



SITE NAME: Shortys Island Meander Restoration Site

ADDRESS:

Boundary County Bonners Ferry ID 83805 48.7640 / 116.3830 LAT/LONG:

CLIENT: Tetra Tech Surface Water Group, Tucson CONTACT: David Broadfoot

INQUIRY#: 3167726.2s

DATE: September 16, 2011 1:33 pm

Map ID Direction Distance

Elevation Database EDR ID Number

North 1/8 - 1/4 Mile **ID WELLS** ID600000170231

Higher

Objectid: 70488 Wellid: 334539 Permitid: 762638 Metaltagnu: Not Reported

Owner: KOOTENAI TRIBE OF IDAHO

PONDEROSA DRILLING & DEVELOPMENT INC Driller:

Drillerlic: Basinnumbe: 98

**BOUNDARY** Countyname:

Township: 63N Range: 01E

Not Reported Sec: 31 Qqq: SE

NW Qq: Q:

Govlotnum: Welladdres: Not Reported

Not Reported Not Reported Lot: Block:

Not Reported Subdivisio: Welluse: Irrigation Production: 800 Staticwate: 8 Surfacedia: 8

Casingdiam: 0 Casingdept: 168

Totaldepth: 0 Constructi: 05/24/1990

Datasource: QQ

http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=334539 Well url: Not Reported Wellnumber: Wateruse: Not Reported Wateruse2: Not Reported Completion: Not Reported

Elevation: Not Reported

X: 0

0 Y:

Quad: Not Reported Link: Not Reported

ID6000000170231 Site id:

SW **FED USGS** USGS3123864

1/8 - 1/4 Mile Higher

> Agency cd: **USGS** Site no: 484541116230501

Site name: 63N 01E 31CDD1

Latitude: 484541 EDR Site id: USGS3123864 Longitude: 1162305 Dec lat: 48.76132659 M

-116.38575979 Coor meth: Dec Ion: Coor accr: S Latlong datum: NAD27 Dec latlong datum: NAD83 District: 16 State: 16 County: 021

US SESESWS31 T63N R01E B Country: Land net:

Location map: **FARNHAM PEAK** Map scale: 24000

Altitude: 1766.73

Altitude method: Level or other surveying method

Altitude accuracy:

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Lower Kootenai. Idaho, Montana. Area = 887 sq.mi.

Topographic:

19710826 Site type: Ground-water other than Spring Date construction: **PST** Date inventoried: Not Reported Mean greenwich time offset:

Feet below

Feet to

Local standard time flag: Y

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aquifer: ALLUVIUM (QUATERNARY)

Well depth: 31.5 Hole depth: 31.5

Source of depth data: reporting agency (generally USGS)

Project number: ID-72-101

Real time data flag: 0 Daily flow data begin date: 0000-00-00

Daily flow data end date: 0000-00-00 Daily flow data count: 0

Peak flow data begin date: 0000-00-00 Peak flow data count: 0000-00-00 Water quality data begin date: 0000-00-00

Water quality data end date:0000-00-00 Water quality data count: 0

Ground water data begin date: 1971-11-18 Ground water data end date: 1975-05-22

Ground water data count: 44

Ground-water levels, Number of Measurements: 44
Feet below Feet to

Date	Surface	Sealevel	Date	Surface	Sealevel
1975-05-22		<del></del>	<del></del>		
Note: The	measureme	nt was discontinued.			
1975-05-21	15.60		1975-04-24	15.40	
1975-03-28	15.16		1975-01-21	16.88	
1974-12-12	16.86		1974-11-22	16.87	
1974-10-24	17.07		1974-09-19	16.59	
1974-08-22	15.88		1974-07-24	15.07	
1974-06-17	14.88		1974-05-14	14.59	
1974-04-23	14.41		1974-03-20	14.56	
1974-02-15	15.39		1974-01-16	17.03	
1973-12-12	18.20		1973-11-29	18.68	
1973-10-25	19.59		1973-09-17	19.53	
1973-08-15	19.09		1973-07-16	18.55	
1973-06-12	18.16		1973-05-17	18.03	
1973-04-16	17.64		1973-03-15	17.29	
1973-02-14	17.36		1973-01-17	16.97	
1972-12-21	17.06		1972-11-13	16.54	
1972-10-18	16.76		1972-09-20	16.71	
1972-08-14	15.73		1972-07-19	15.10	
1972-06-16	15.45		1972-05-25	15.98	
1972-04-20	15.64		1972-03-15	15.31	
1972-02-15	15.99		1972-01-21	16.59	
1971-12-21	17.06		1971-12-13	16.84	
1971-11-18	16.43				

3 ID WELLS ID600000170215 1/4 - 1/2 Mile

Higher

 Objectid:
 56108
 Wellid:
 334319

 Permitid:
 762419
 Metaltagnu:
 Not Reported

Owner: JOE FIGGINS

Driller: MINDEN WATER WELLS

Drillerlic: 320 Basinnumbe: 98

Countyname: BOUNDARY

Township: 62N Range: 01E

Sec: 6 Qqq: Not Reported

 $\operatorname{Qq}$ : NE Q: NE

Govlotnum: 0

Welladdres: Not Reported

Lot: Not Reported Block: Not Reported

Subdivisio: Not Reported

Welluse: Domestic-Single Residence

Production: 25
Staticwate: 3
Surfacedia: 6
Casingdiam: 0
Casingdept: 68

Totaldepth: 0 Constructi: 04/08/1980

Datasource: QQ

Well url: http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=334319
Wellnumber: Not Reported Wateruse: Not Reported
Wateruse2: Not Reported Completion: Not Reported

Elevation: Not Reported

X: 0

Y: 0

Quad: Not Reported Link: Not Reported

Site id: ID6000000170215

Higher

Agency cd: USGS Site no: 484549116221701

Site name: 63N 01E 32CCB1

 Latitude:
 484549
 EDR Site id:
 USGS3123867

 Longitude:
 1162217
 Dec lat:
 48.76354909

 Dec lon:
 -116.3724259
 Coor meth:
 M

 Dec Ion:
 -116.3724259
 Coor meth:
 M

 Coor accr:
 S
 Latlong datum:
 NAD27

 Dec latlong datum:
 NAD83
 District:
 16

 State:
 16
 County:
 021

Country: US Land net: NWSWSWS32 T63N R01E B

Location map: RITZ Map scale: 24000

Altitude: 1763.

Altitude method: Interpolated from topographic map Altitude accuracy: 1.

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Lower Kootenai. Idaho, Montana. Area = 887 sq.mi.

Topographic: Valley flat

Site type: Ground-water other than Spring Date construction: Not Reported

Date inventoried: 19910719 Mean greenwich time offset: PST

Local standard time flag: Y

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aguifer: ALLUVIUM (QUATERNARY)

Well depth: 2.4 Hole depth: 2.4

Source of depth data: reporting agency (generally USGS)

Project number: ID-91-17300

Real time data flag: 0 Daily flow data begin date: 0000-00-00

Daily flow data end date: 0000-00-00 Daily flow data count: 0

Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Water quality data begin date: 1991-07-19

Water quality data end date:1991-07-19 Water quality data count: 1

Ground water data begin date: 1991-07-19 Ground water data end date: 2002-06-17

Ground water data count: 2

Ground-water levels, Number of Measurements: 2

Feet below Feet to Feet below Feet to Sealevel Surface Sealevel Date Date Surface

2002-06-17 -0.52 1991-07-19 -0.30

**FED USGS** USGS3123865 **ESE** 

1/2 - 1 Mile Lower

> Agency cd: **USGS** Site no: 484543116220801

Site name: 63N 01E 32CCD1

Latitude: EDR Site id: USGS3123865 484543 48.76188235 Longitude: 1162208 Dec lat: Dec Ion: -116.36992578 Coor meth: Μ

Coor accr: S Latlong datum: NAD27 Dec latlong datum: NAD83 District: 16 State: 16 County: 021

Country: US Land net: SESWSWS32 T63N R01E B

Location map: RITZ Map scale: 24000

Altitude: 1760.90

Altitude method: Level or other surveying method

Altitude accuracy: .01

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Lower Kootenai. Idaho, Montana. Area = 887 sq.mi.

Topographic: Valley flat

Site type: Ground-water other than Spring Date construction: 19710826 Date inventoried: Not Reported Mean greenwich time offset: **PST** 

Local standard time flag:

Single well, other than collector or Ranney type Type of ground water site:

Aquifer Type: Not Reported

ALLUVIUM (QUATERNARY) Aquifer:

Well depth: 40.7 Hole depth: 40.7

Source of depth data: reporting agency (generally USGS)

Project number: ID-72-101

Real time data flag: 0 Daily flow data begin date: 0000-00-00 Daily flow data end date: 0000-00-00 Daily flow data count: 0 Peak flow data end date: 0000-00-00

Peak flow data begin date: 0000-00-00 Peak flow data count: Water quality data begin date: 0000-00-00 Water quality data end date:0000-00-00

Water quality data count:

Ground water data begin date: 1971-11-18 Ground water data end date: 1975-05-22

Ground water data count: 44

Ground-water levels, Number of Measurements: 44

Feet below Feet to Feet below Feet to Date Surface Sealevel Date Surface Sealevel

1975-05-22

Note: The measurement was discontinued.

1975-05-21 7.01 1975-04-29 10.70 1975-03-28 9.64 1975-03-03 7.28 1975-01-21 8.60 1974-12-10 8.68 1974-11-22 7.09 1974-10-24 7.74 1974-09-19 10.32 1974-08-22 9.05 1974-07-24 6.38 1974-06-17 2.21 1974-05-14 4.71 1974-04-25 7.57 1974-02-15 1974-03-20 7.94 7.07 1974-01-16 6.24 1973-12-12 9.75

	Feet below	Feet to		Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealevel
1973-11-29	9.50		1973-10-25	10.42	
1973-09-17	9.74		1973-08-15	12.82	
1973-07-16	11.70		1973-06-12	10.99	
1973-05-17	11.50		1973-04-16	12.57	
1973-03-15	11.74		1973-02-14	11.07	
1973-01-17	10.10		1972-12-21	9.81	
1972-11-13	5.75		1972-10-18	5.86	
1972-09-20	7.51		1972-08-14	7.03	
1972-07-19	5.52		1972-06-16	1.69	
1972-05-25	3.59		1972-04-20	10.53	
1972-03-15	9.35		1972-02-15	10.28	
1972-01-21	9.74		1971-12-13	11.11	
1971-11-18	10.84				

A6
East ID WELLS ID600000170225
1/2 - 1 Mile
Higher

ligner			
Objectid:	118866	Wellid:	335781
Permitid:	763785	Metaltagnu:	D0013007
Owner:	MICHAEL HUBBARD	Ğ	
Driller:	MINDEN WATER WELLS		
Drillerlic:	320	Basinnumbe:	98
Countyname:	BOUNDARY		
Township:	63N	Range:	01E
Sec:	32	Qqq:	Not Reported
Qq:	SE	Q:	SW
Govlotnum:	0		
Welladdres:	COUNTY RD 38		
Lot:	Not Reported	Block:	Not Reported
Subdivisio:	Not Reported		
Welluse:	Domestic-Single Residence		
Production:	30		
Staticwate:	42		
Surfacedia:	6		
Casingdiam:	6		
Casingdept:	-60		
Totaldepth:	60	Constructi:	03/31/2000
Datasource:	GPS		
Well url:	http://www.idwr.idaho.gov/ap	ops/appsWell/RelatedDocs.	asp?WellID=335781
Wellnumber:	Not Reported	Wateruse:	Not Reported
Wateruse2:	Not Reported	Completion:	Not Reported
Elevation:	Not Reported		
X:	0		
Y:	0		
Quad:	Not Reported	Link:	Not Reported
Site id:	ID600000170225		

A7 East 1/2 - 1 Mile Higher

ID WELLS ID600000170226

01E

 Objectid:
 91600
 Wellid:
 349020

 Permitid:
 777206
 Metaltagnu:
 D0022279

Owner: MICHAEL HUBBARD

Driller: MINDEN WATER WELLS

Drillerlic: 320 Basinnumbe: 98
Countyname: BOUNDARY

Township: 63N Range:

Sec: 32 Qqq: Not Reported

Qq: SE Q: SW

Govlotnum: 0

Welladdres: CO RD 38 WESTSIDE

Lot: Not Reported Block: Not Reported

Subdivisio: Not Reported

Welluse: Domestic-Single Residence

Production: 0
Staticwate: 0
Surfacedia: 6
Casingdiam: 6
Casingdept: 200

Totaldepth: 200 Constructi: 05/24/2002

Datasource: GPS

Well url: http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=349020
Wellnumber: Not Reported Wateruse: Not Reported
Wateruse2: Not Reported Completion: Not Reported

Elevation: Not Reported

X: 0 Y: 0

Quad: Not Reported Link: Not Reported

Site id: ID6000000170226

1/2 - 1 Mile Higher

 Objectid:
 91601
 Wellid:
 349288

 Permitid:
 777488
 Metaltagnu:
 D0022280

Owner: MICHAEL HUBBARD

Driller: MINDEN WATER WELLS

 Drillerlic:
 320
 Basinnumbe:
 98

 Countyname:
 BOUNDARY

 Township:
 63N
 Range:
 01E

Sec: 32 Qqq: Not Reported

Qq: SE Q: SW

Govlotnum: 0

Welladdres: CO RD 38 WESTSIDE

Lot: Not Reported Block: Not Reported

Subdivisio: Not Reported

Welluse: Domestic-Single Residence

Production: 25
Staticwate: 45
Surfacedia: 6
Casingdiam: 6
Casingdept: 74

Totaldepth: 87 Constructi: 05/29/2002

Datasource: GPS

Well url: http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=349288
Wellnumber: Not Reported Wateruse: Not Reported
Wateruse2: Not Reported Completion: Not Reported

Elevation: Not Reported

X: 0

Y: 0

Quad: Not Reported Link: Not Reported

Site id: ID6000000170227

9 ESE ID WELLS ID600000170222

1/2 - 1 Mile Higher

 Objectid:
 92575
 Wellid:
 334977

 Permitid:
 763002
 Metaltagnu:
 D0005987

Owner: WESLEY HUBBARD
Driller: MINDEN WATER WELLS

Drillerlic: 320 Basinnumbe: 98

Countyname: BOUNDARY

 Township:
 62N
 Range:
 01E

 Sec:
 5
 Qqq:
 NW

 Qq:
 NE
 Q:
 NW

Govlotnum: 0

Welladdres: CO RD 38 1.2 MI

Lot: Not Reported Block: Not Reported

Subdivisio: Not Reported

Welluse: Domestic-Single Residence

Production: 20 Staticwate: 28 Surfacedia: 6 Casingdiam: 6 Casingdept: 79

Totaldepth: 79 Constructi: 05/28/1999

Datasource: GPS
Well url: http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=334977
Wellnumber: Not Reported Wateruse: Not Reported
Wateruse2: Not Reported Completion: Not Reported

Elevation: Not Reported

X: 0

Y: 0
Quad: Not Reported Link: Not Reported

Site id: ID600000170222

WNW 1/2 - 1 Mile Higher

FED USGS USGS3123868

Agency cd: USGS Site no: 484604116235701

Site name: 63N 01W 36DAB1

 Latitude:
 484604
 EDR Site id:
 USGS3123868

 Longitude:
 1162357
 Dec lat:
 48.76771573

 Dec Ion:
 -116.40020492
 Coor meth:
 M

 Coor accr:
 S
 Latlong datum:
 NAD27

 Dec latlong datum:
 NAD83
 District:
 16

 State:
 16
 County:
 021

Country: US Land net: NWNESES36 T63N R01W B

Location map: FARNHAM PEAK Map scale: 24000

Altitude: 1760.79

Altitude method: Level or other surveying method

Altitude accuracy: .01

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Lower Kootenai. Idaho, Montana. Area = 887 sq.mi.

Topographic: Valley flat

Site type: Ground-water other than Spring Date construction: 19710823

Date inventoried: Not Reported Mean greenwich time offset: PST

Local standard time flag: Y

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aquifer: ALLUVIUM (QUATERNARY)

Well depth: 26.7 Hole depth: 26.7

Source of depth data: reporting agency (generally USGS)

Project number: ID-72-101

Real time data flag: 0 Daily flow data begin date: 0000-00-00

Daily flow data end date: 0000-00-00 Daily flow data count: 0

Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Water quality data begin date: 0000-00-00

Water quality data end date:0000-00-00 Water quality data count: 0

Ground water data begin date: 1971-11-17 Ground water data end date: 1972-04-19

Ground water data count: 6

Ground-water levels, Number of Measurements: 6

Feet below Feet to Feet below Feet to
Date Surface Sealevel Date Surface Sealevel

1972-04-19

Note: The well was destroyed (no water level is recorded).

 1972-04-18
 13.04
 1972-03-14
 12.36

 1972-02-16
 13.57
 1972-01-21
 13.57

1971-11-17 13.29

B11
WNW
FED USGS USGS3123869
1/2 - 1 Mile
Higher

Agency cd: USGS Site no: 484604116235702

Site name: 63N 01W 36DAB2

 Latitude:
 484604
 EDR Site id:
 USGS3123869

 Longitude:
 1162357
 Dec lat:
 48.76771573

 Dec lon:
 -116.40020492
 Coor meth:
 M

 Dec ion.
 -116.40020492
 Coor metri.
 M

 Coor accr:
 S
 Latlong datum:
 NAD27

 Dec latlong datum:
 NAD83
 District:
 16

 State:
 16
 County:
 021

Country: US Land net: NWNESES36 T63N R01W B

Location map: FARNHAM PEAK Map scale: 24000

Altitude: 1761.48

Altitude method: Level or other surveying method

Altitude accuracy: .01

Altitude datum: National Geodetic Vertical Datum of 1929

Hydrologic: Lower Kootenai. Idaho, Montana. Area = 887 sq.mi.

Topographic: Valley flat

Site type: Ground-water other than Spring Date construction: 19720914

Date inventoried: Not Reported Mean greenwich time offset: PST

Local standard time flag: Y

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aquifer: ALLUVIUM (QUATERNARY)

Well depth: 27.0 Hole depth: 31.5

Source of depth data: reporting agency (generally USGS)

Project number: ID-72-101

Real time data flag: 0 Daily flow data begin date: 0000-00-00

Daily flow data end date: 0000-00-00 Daily flow data count: 0

Peak flow data begin date: 0000-00-00 Peak flow data count: 0 Peak flow data end date: 0000-00-00 Water quality data begin date: 0000-00-00

Water quality data end date:0000-00-00 Water quality data count: 0

Ground water data begin date: 1972-09-25 Ground water data end date: 1975-05-21

Ground water data count: 28

Ground-water levels, Number of Measurements: 28
Feet below Feet to

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-05-21		<del></del>			
Note: The	measurement	t was discontinued.			
1975-05-20	10.61		1975-04-22	14.02	
1975-03-26	11.21		1975-02-28	11.17	
1975-01-25	11.60		1974-12-12	10.93	
1974-11-26	9.94		1974-10-24	10.69	
1974-09-19	12.56		1974-08-21	11.66	
1974-07-26	8.18		1974-06-13	5.68	
1974-05-15	6.99		1974-04-24	11.31	
1973-10-24	13.30		1973-09-13	13.01	
1973-08-17	15.59		1973-07-23	14.75	
1973-06-14	14.21		1973-05-16	15.86	
1973-03-14	12.00		1973-02-12	11.22	
1973-01-18	10.51		1972-12-19	9.27	
1972-11-14	8.18		1972-10-19	8.38	
1972-09-25	10.69				

12 ESE 1/2 - 1 Mile

Higher

 Objectid:
 131610
 Wellid:
 334931

 Permitid:
 762957
 Metaltagnu:
 D0003932

Owner: JOAN BENSON

Driller: MINDEN WATER WELLS

Drillerlic: 320 Basinnumbe: 98

Countyname: BOUNDARY

 Township:
 62N
 Range:
 01E

 Sec:
 5
 Qqq:
 NE

 Qq:
 SE
 Q:
 NW

Govlotnum: 0

Welladdres: CRE 38 1.2 MI EAST SIDE

Lot: Not Reported Block: Not Reported

Subdivisio: Not Reported

Welluse: Domestic-Single Residence

Production: 15
Staticwate: 30
Surfacedia: 6
Casingdiam: 0
Casingdept: 91

Totaldepth: 0 Constructi: 06/18/1998

Datasource: GPS

Well url:http://www.idwr.idaho.gov/apps/appsWell/RelatedDocs.asp?WellID=334931Wellnumber:Not ReportedWateruse:Not ReportedWateruse2:Not ReportedCompletion:Not Reported

Elevation: Not Reported

X: 0 Y: 0

Quad: Not Reported Link: Not Reported

Site id: ID6000000170212

### AREA RADON INFORMATION

State Database: ID Radon

Radon Test Results

Zipcode	Test Date	Floor	Result
83805	2/22/1995 0:00		3.20
83805	1/7/1992 0:00		1.30
83805			6.30
83805	12/9/1997 0:00		1.70
83805	12/9/1997 0:00		3.60
83805	12/9/1997 0:00		1.10
83805	12/9/1997 0:00		1.30
83805	12/9/1997 0:00		2.90
83805	12/9/1997 0:00		1.00
83805	12/9/1997 0:00		3.10
83805	12/9/1997 0:00		3.30
83805	12/9/1997 0:00		1.30
83805	12/3/1997 0:00	0	3.60
83805	12/3/1997 0:00	0	3.30
83805	12/3/1997 0:00	0	3.10
83805	12/3/1997 0:00	0	2.90
83805	3/26/1990 0:00	0	3.90
83805	3/20/1990 0:00	1	2.80
83805	12/3/1997 0:00	1	1.70
83805	12/3/1997 0:00	1	1.30
83805	12/3/1997 0:00	1	1.30
83805	12/3/1997 0:00	1	1.10
83805	12/3/1997 0:00	1	1.00
83805	11/24/1997 0:00		5.00
83805	11/6/2003 0:00	0	1.80
83805	10/1/2003 0:00	0	1.70
83805	2/17/2003 0:00	0	3.00
83805	2/9/2003 0:00	0	0.90
83805	3/21/2003 0:00	0	2.20
83805	3/21/2003 0:00	0	2.20
83805	1/24/2004 0:00	0	1.60
83805	1/30/2004 0:00	1	0.90
83805	1/1/2006 0:00	1	5.50
83805	3/20/2005 0:00	0	4.80
83805	1/26/2008 0:00	1	0.60
83805	1/29/2010 0:00	1	1.20
83805	1/19/2010 0:00	0	7.30

Federal EPA Radon Zone for BOUNDARY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

### AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 83805

Number of sites tested: 4

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L

Living Area - 1st Floor 2.800 pCi/L 100% 0% 0%

Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported

Basement 2.475 pCi/L 100% 0% 0%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Water Resources

Telephone: 208-287-4800

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Permitted Wells

Wells permitted or licensed by Idaho Department of Water Resources

Agency: Department of Water Resources

Phone: 208-287-4800

### Water Level Monitoring Wells

This dataset shows the locations of monitoring wells.

Agency: Department of Water Resources

Phone: 208-287-4800

### OTHER STATE DATABASE INFORMATION

### RADON

State Database: ID Radon

Source: Department of Health & Welfare

Telephone: 208-332-7319 Radon Test Results

# Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# **Shortys Island Meander Restoration Site**

Boundary County Bonners Ferry, ID 83805

Inquiry Number: 3167726.4

September 16, 2011

# **EDR** Historical Topographic Map Report



# **EDR Historical Topographic Map Report**

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

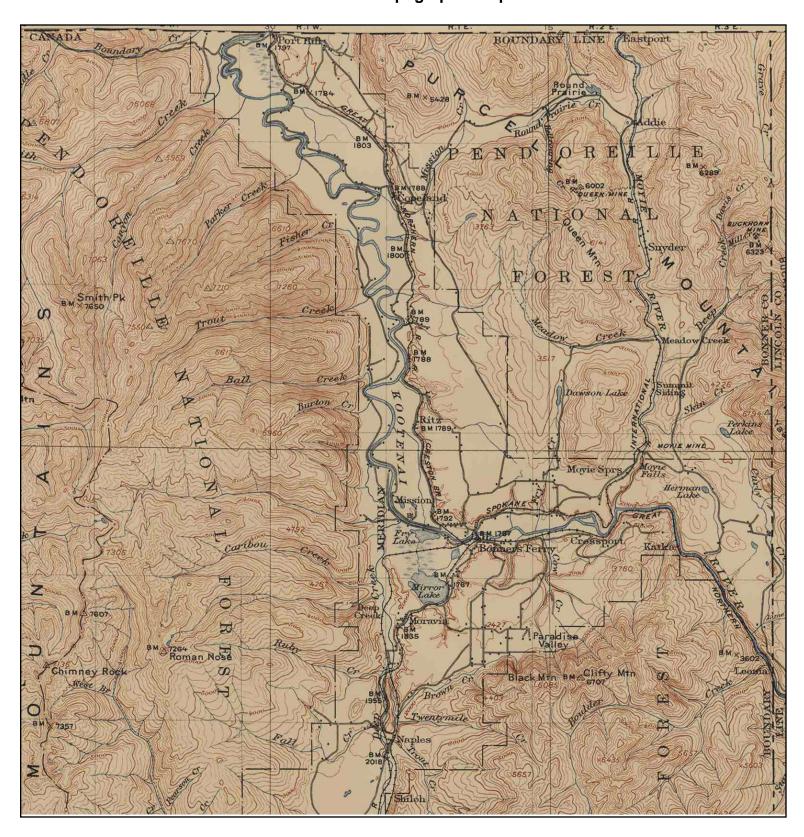
**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET QUAD

NAME: PRIEST LAKE

MAP YEAR: 1913

SERIES: 60

SCALE: 1:250000

SITE NAME: Shortys Island Meander

Restoration Site

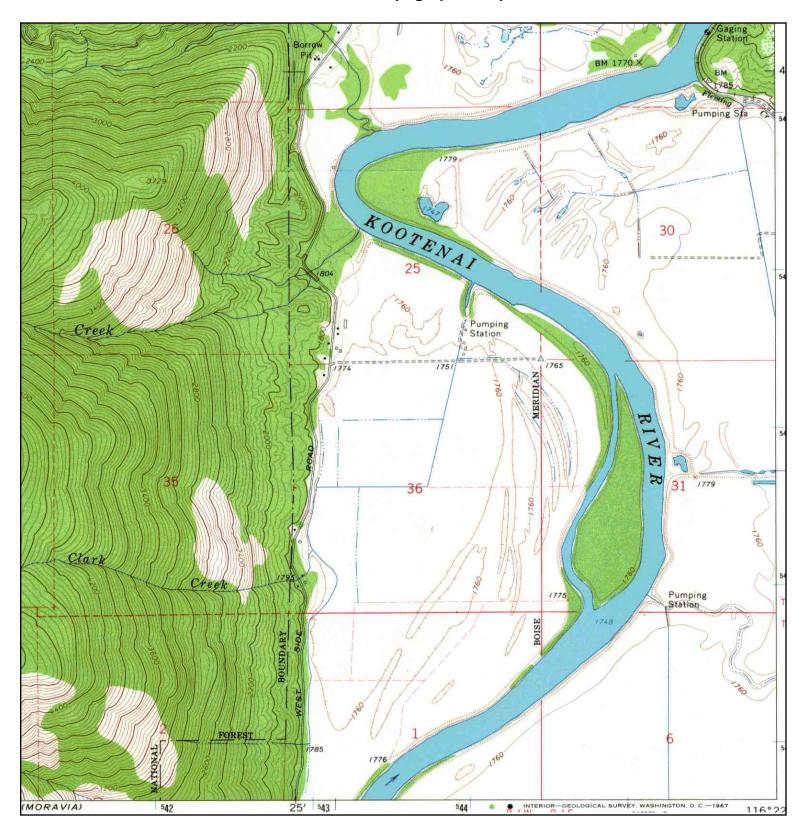
ADDRESS: Boundary County

Bonners Ferry, ID 83805

LAT/LONG: 48.764 / -116.383

CLIENT: Tetra Tech Surface Water Group,

Tucson





TARGET QUAD

NAME: FARNHAM PEAK

MAP YEAR: 1965

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Shortys Island Meander

Restoration Site

ADDRESS: Boundary County

Bonners Ferry, ID 83805

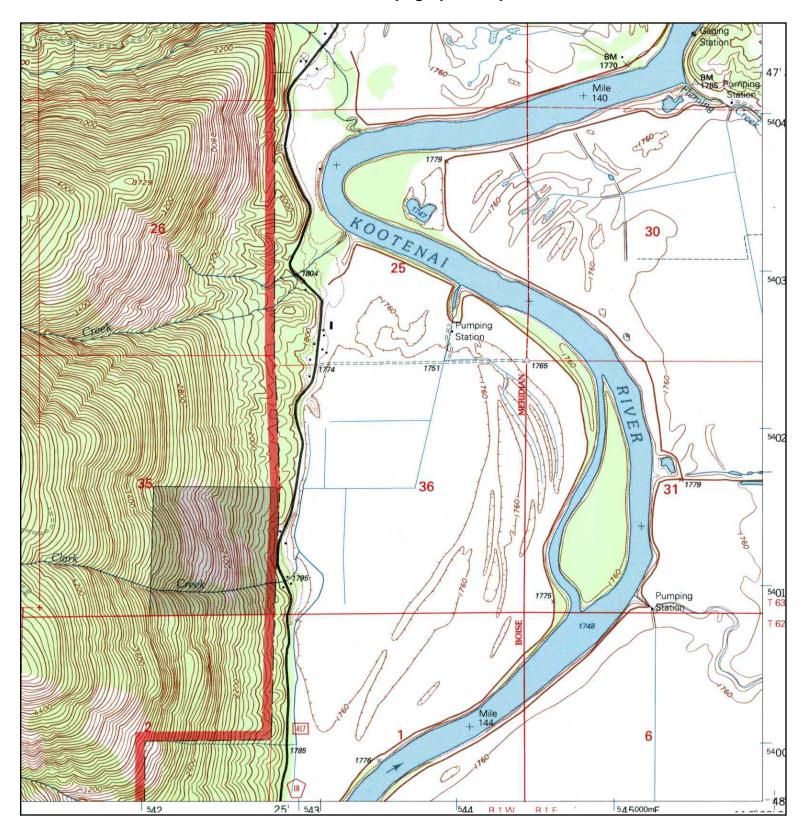
LAT/LONG: 48.764 / -116.383

CLIENT: Tetra Tech Surface Water Group,

Tucson

CONTACT: David Broadfoot INQUIRY#: 3167726.4

RESEARCH DATE: 09/16/2011





TARGET QUAD

NAME: FARNHAM PEAK

MAP YEAR: 1996

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Shortys Island Meander

Restoration Site

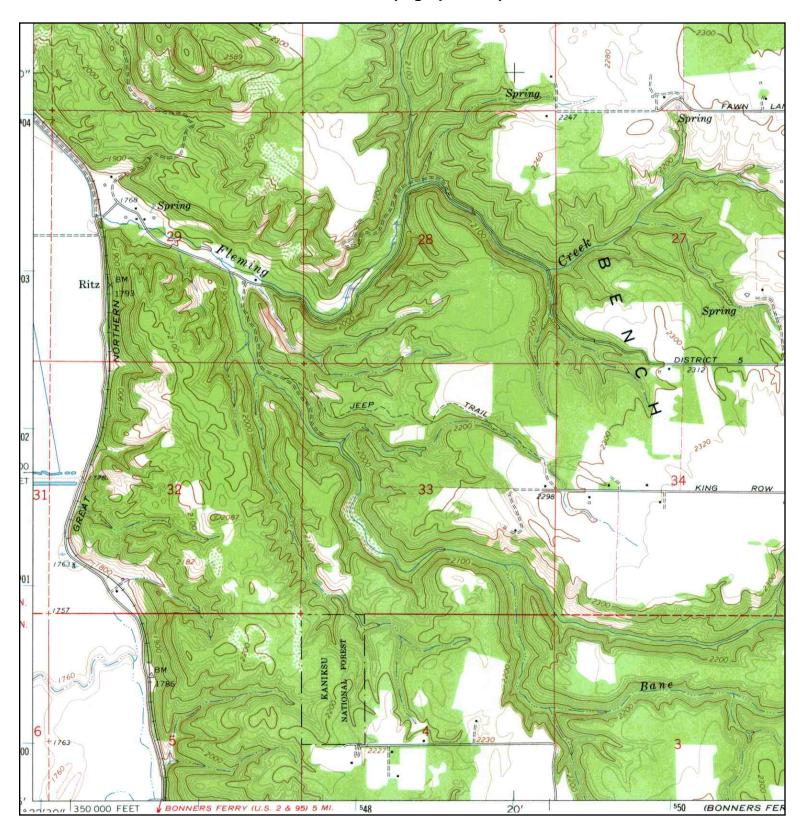
ADDRESS: Boundary County

Bonners Ferry, ID 83805

LAT/LONG: 48.764 / -116.383

CLIENT: Tetra Tech Surface Water Group,

Tucson





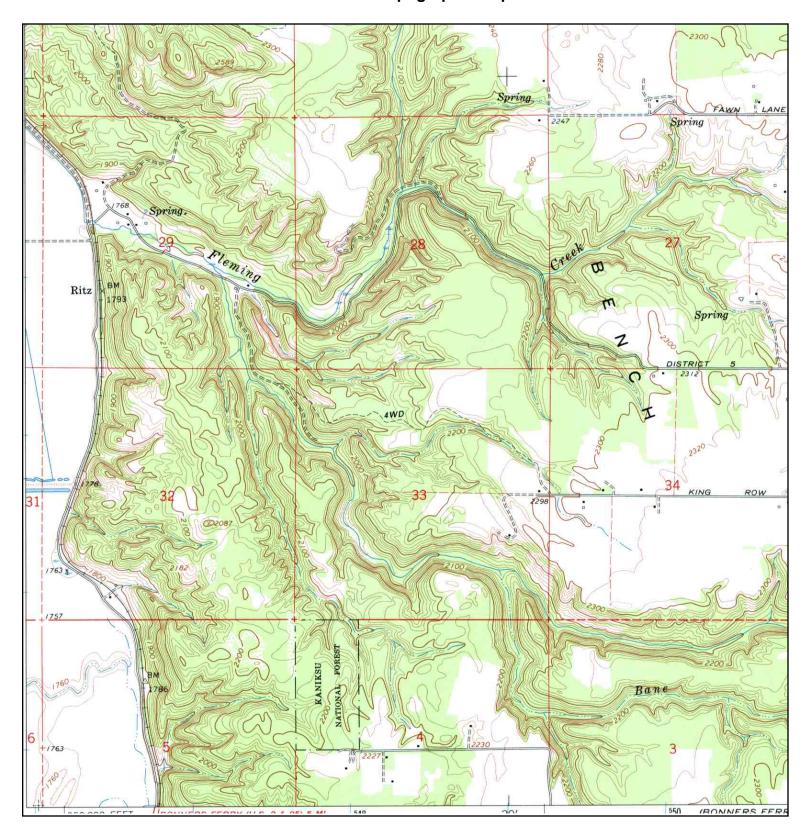
ADJOINING QUAD NAME: RITZ

MAP YEAR: 1965

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Shortys Island Meander Restoration Site

ADDRESS: Boundary County

Bonners Ferry, ID 83805 LAT/LONG: 48.764 / -116.383 CLIENT: Tetra Tech Surface Water Group, Tucson





ADJOINING QUAD
NAME: RITZ
MAP YEAR: 1992
REVISED:1965
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Shortys Island Meander

Restoration Site

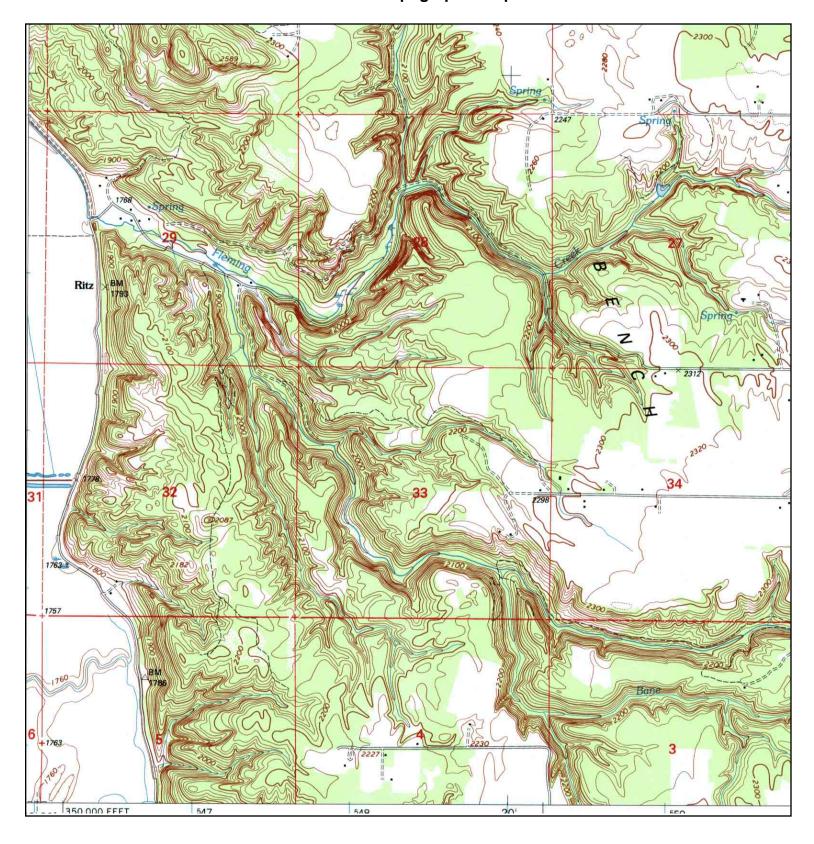
ADDRESS: Boundary County

LAT/LONG:

Bonners Ferry, ID 83805

48.764 / -116.383

CLIENT: Tetra Tech Surface Water Group, Tucson





ADJOINING QUAD NAME: RITZ

MAP YEAR: 1996

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Shortys Island Meander

Restoration Site

ADDRESS: Boundary County
Bonners Ferry, ID 83805

LAT/LONG: 48.764 / -116.383

CLIENT: Tetra Tech Surface Water Group, Tucson

# **Shortys Island Meander Restoration Site**

Boundary County Bonners Ferry, ID 83805

Inquiry Number: 3167726.5

September 19, 2011

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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# **Date EDR Searched Historical Sources:**

Aerial Photography September 19, 2011

# **Target Property:**

Boundary County

Bonners Ferry, ID 83805

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1958	Aerial Photograph. Scale: 1"=1000'	Panel #: 48116-G4, Farnham Peak, ID;/Flight Date: October 16, 1958	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 48116-G4, Farnham Peak, ID;/Flight Date: September 06, 1975	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 48116-G4, Farnham Peak, ID;/Flight Date: August 27, 1981	EDR
1992	Aerial Photograph. Scale: 1"=604'	Panel #: 48116-G4, Farnham Peak, ID;/Composite DOQQ -acquisition dates: June 16, 1992	EDR
1998	Aerial Photograph. Scale: 1"=750'	Panel #: 48116-G4, Farnham Peak, ID;/Flight Date: August 11, 1998	EDR
2006	Aerial Photograph. Scale: 1"=604'	Panel #: 48116-G4, Farnham Peak, ID;/Flight Year: 2006	EDR







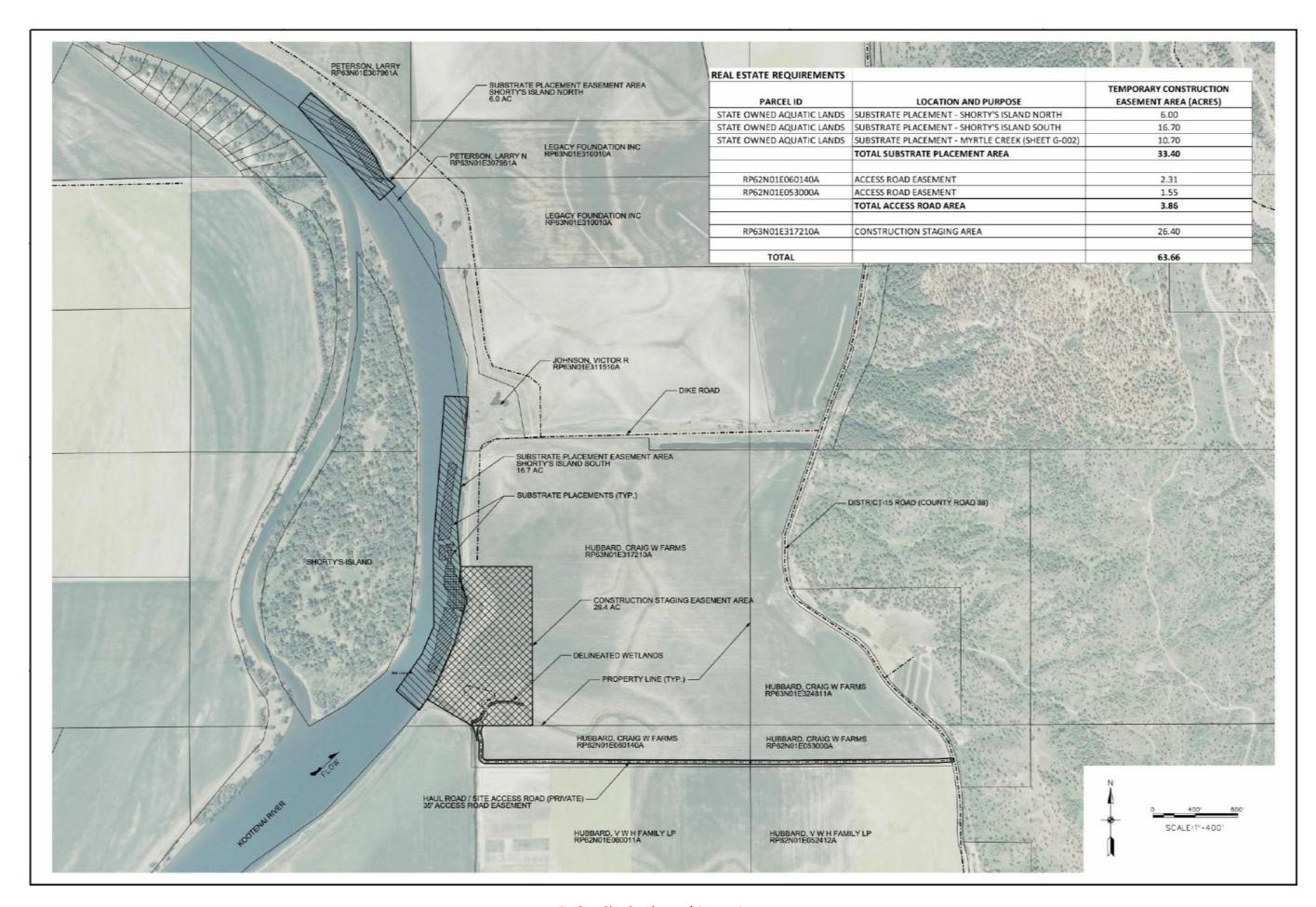






# **Appendix B: Project Site Map**





CENWS-EN-GB-ET 09 January 2012

MEMORANDUM FOR: CENWS-PM-ER (Melissa Leslie) CENWS-PM-CP-CJ (Alan Coburn)

Review Subject: Shorty's Island / Meander Reach

Ecosystem Restoration Kootenai River, Idaho Preliminary HTRW Assessment Draft – November 2011

(Tetra Tech, Inc. 1420 5th Avenue, Suite 550 Seattle, WA 98101)

- 1. References:
  - a) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. ASTM E1527-05.
- 2. Per your request, the following comments are submitted for consideration with regard to the subject document.

Cathy Martin

Chemist

Environmental Engineering & Technology Section

Phone: (206) 764-3264 FAX: (206) 764-3706

e-mail: catherine.m.martin@nws.usace.army.mil

cc: Project Files

Attachments: Comment Response Record

# COMMENT/RESPONSE RECORD

Shorty's Island / Meander Reach Ecosystem Restoration Kootenai River, Idaho Preliminary HTRW Assessment Draft – November 2011

(Tetra Tech, Inc. 1420 5th Avenue, Suite 550 Seattle, WA 98101)

**Reviewer:** Cathy Martin

		Comments and Responses	Reference			
Gener	General Comments - None					
1	Comment:	In general, this reviewer agrees with the conclusions of the report. However, the report format does not meet the recommended outline in ASTM E1527-05. Therefore, the reviewer cannot fully identify that all ASTM content has been fully considered. It is requested that the report be revised to comply with the ASTM outline shown in X4. Non-applicable section should state that they are "not applicable or NA."				
	Response:	The intent of the base items in the scope of work was to provide a preliminary assessment and to draft the affected environment section of the EA. The Scope did not include a formal HTRW Assessment based on the detailed outline in ASTM E1527-05. The SOW consisted of: (a) a review of available previous documents relevant to the proposed project; (b) a review of relevant environmental databases maintained by federal and state regulatory agencies; (c) an examination of historical aerial photos and topographic maps of the project area; (c) a preliminary site reconnaissance; and (d) an in-person discussion with the current/historical landowner of the proposed project staging area site and access roads. The SOW did not state or imply that all ASTM content would be fully considered. The deliverable specified in the Scope included preparing the Affected Environment Section of the EA and documentation of the approach and results of the above tasks.				
	Backcheck:					
2	<b>Comment:</b>	All sections of the appendix should be included in the PA outline in the order in which they				

	Response:	appear regardless of whether or not they are applicable. Non-applicable section should state that they are "not applicable or NA." For example, the signature and qualifications of the environmental professional preparing the PAS is needed pursuant to ASTM E1527-05 (§s 7.5.1, 12.12). A statement is also required pursuant to §12.13.  Please see Response to Comment 1. This SOW did not intend to treat this less formal preliminary assessment as a formal ASTM E1527-05 outline and report containing all ASTM content.			
	Backcheck:				
Specifi	Specific Comments				
	Comment:	The search distances vary based on information provided in the "Map Findings Summary." Please state within the report that the appropriate minimum search distances were determined in accordance with ASTM E1527-05 (8.1.2.1, etc.).			
1	Response:	Under Section 3.0 "Environmental Database Search Review", we could change the second sentence of the first paragraph to read: "The EDR database search included the following government databases, and the search included standard search distances in accordance with ASTM-E1527-05."			
	Backcheck:		TC3167726.2s Page 6		
End of Review Comments					